

SANDIA/NSF JOINT RESEARCH PROGRAM IN ENGINEERING SCIENCES

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For over five years Sandia and the National Science Foundation have sponsored a joint research program in Engineering Sciences. The program has focused on research that will enable large-scale, validated, computational mechanics models to be used effectively in the design and qualification of nuclear weapon systems and components. The intent, focus, and funding opportunities from this program will be described in this talk.

Harold (Hal) S. Morgan is Group Manager of Solid Mechanics and Structural Dynamics in the Engineering Sciences Center at Sandia National Laboratories. In this role he is responsible for stewarding the solid mechanics and structural mechanics disciplines that reside in seven departments at Sandia. He also co-manages the Engineering Sciences research program at Sandia. In addition, he has been involved in developing collaborative relations in computational mechanics with many industrial partners.